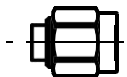
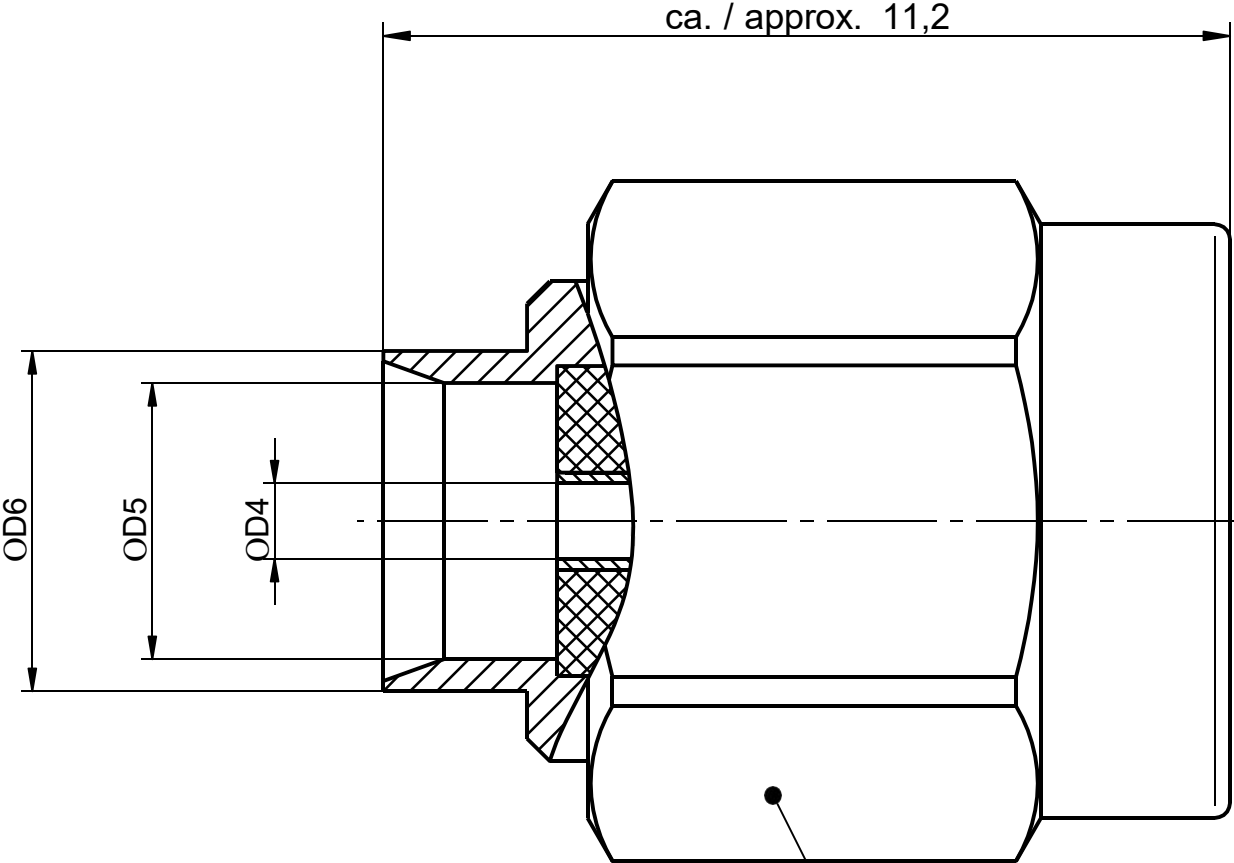


M/s 3:1



M/s 1:1
KG/CG 7



Steckbereich nach IEC 169-15 Grade1
Mating area acc. to IEC 169-15 Grade1

RoHS-konform ①

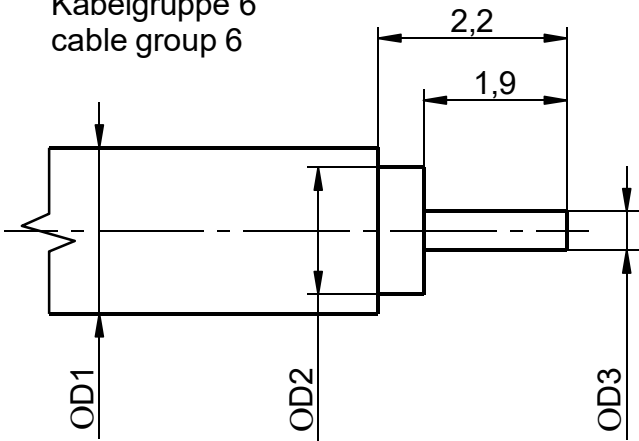
Anziehdrehmoment:
Ma = 0,9Nm±5%

RoHS-compliant ①

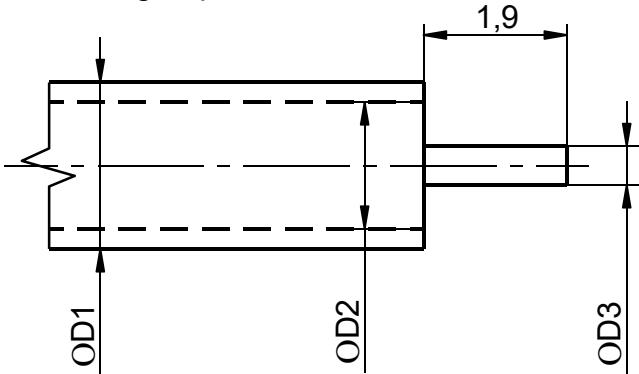
locking torque:
Ma = 0,9Nm±5%

Kabelzuschnitt:
Stripping dimension:

Kabelgruppe 6
cable group 6



Kabelgruppe 7
cable group 7



SW / Hex 8

Für Kabel /
For cable

KG	Type	CG	Type	φD1	φD2	φD3	φD4	φD5	φD6
6	RG 405/U , UT-85			2,20	1,68	0,51	0,70	2,25	3,10
7	RG 402/U , UT-141			3,58	3,00	0,94	1,00	3,65	4,50

IMS CONNECTOR SYSTEMS				general tolerance ISO 2768 mH angle: ± 5°		scale: 10:1	
						Assembly instruction: M-20	
						Stripping dimension:	
						SMA(m)-Kabelstecker	
						SMA(m)-cable mount. plug	
						087.42.1810.0''	
EC_014_13	j	Text hinzu	30.01.13	Pölz	date	name	
EC_067_12	i	Überarbeitung	09.05.12	Pölz	generate	Grode	
124/01	h	Überarbeitung	15.02.01	Hogg	checked		
057/99	g	Kabelgr. geändert	25.01.99	TM	Norm		
002/99	f	SMA-Überarbeitung	08.01.99	TM			
524/98	e	Überarbeitung	25.09.98	Fa			
569/97	d	Text korrigiert	24.11.97	I.S.			
558/97	c	0,8µm --> 1,3µm	13.11.97	I.S.			
nr.	rev.	alteration	date	name			

Product data sheet



IMS CONNECTOR SYSTEMS GmbH
Obere Hauptstrasse 30
D-79843 Löffingen
Postfach 1141
D-79840 Löffingen

Tel (+49) 7654 901-0
Fax (+49) 7654 901-199
Net: www.imscs.com
E-mail: sales@imscs.com

Part Number: 087.42.1810.071

Description: SMA-Cable mount plug

Revision: -
Date: 19.05.2011
Signature: Pölz N.
Page: 1 of 2

Design according to:

IEC 169-15 (Type SMA)

Electrical characteristics:

colored value means:
still under test target value

Value

Unit

Picture

Impedance (MIL-C- 39012B)

50

[Ω]

Operating frequency up to

18

[GHz]

Return loss measured with cable typ:

UT 141

-

1 GHz

40

[dB]

2 GHz

40

[dB]

4 GHz

33

[dB]

6 GHz

27

[dB]

10 GHz

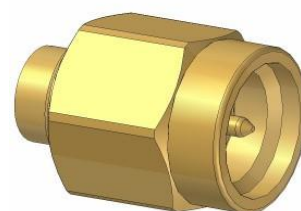
19

[dB]

18 GHz

15

[dB]



Remarks

at 910MHz / at 1870 MHz

3rd. Order PIM product 2x43dBm

/

[dBc]

Insulation resistance

≥10

[GΩ]

Contact resistance

Centre contact

≤ 3

[mΩ]

Outer contact

≤ 2

[mΩ]

Contact current max. (DC)

2

[A]

Operating voltage

<500

[V]

Proof voltage

1000

[V]

Mechanical characteristics:

Value

Unit

Remarks

Recommended torque coupling nut

0,45

[Nm]

Retention force coupling nut

>270

[N]

Mating cycles

> 500

Formblatt-Nr.: Form-TK-012b